

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER G-70-199-AJ

Relating to Certification of Gasoline Dispensing Nozzles to the  
Liquid Retention Standard of 350 milliliters per 1,000 Gallons Dispensed

WHEREAS, the California Air Resources Board ("ARB") has established, pursuant to California Health and Safety Code sections 39600, 39601 and 41954, certification procedures for systems designed for the control of gasoline vapor emissions during motor vehicle fueling operations in its **CP-201 Certification Procedure for Vapor Recovery Systems of Dispensing Facilities (Certification Procedure)** as last amended February 9, 2005, incorporated by reference into Title 17, California Code of Regulations, section 94011;

WHEREAS, ARB has established, pursuant to California Health and Safety Code sections 39600, 39601 and 41954, test procedures for determining the compliance of vapor recovery systems with emission standards;

WHEREAS, pursuant to California Health and Safety Code section 39600 and 41954, ARB may issue and modify executive orders for the certification of vapor recovery systems;

WHEREAS, on August 12, 2002, ARB issued Executive Order G-70-199-AI: Certification of Gasoline Dispensing Nozzles to the Liquid Retention Standard of 350 milliliters per 1,000 Gallons Dispensed;

WHEREAS, the effective date of the liquid retention standard of 350 ml/1000 gallons dispensed is April 1, 2001, as per section 2 of the Certification Procedure,

WHEREAS, Health and Safety Code section 41956.1 allows use of components certified before April 1, 2001, for up to four years,

WHEREAS, as of April 1, 2005, only nozzles that have been certified to meet the 350 ml liquid retention standard shall be used,

WHEREAS, the Exhibits to the previous version of this Executive Order have been modified to remove reference to nozzles that have not been certified to the 350 ml liquid retention standard,

WHEREAS, the nozzles listed in Exhibit 1 have been tested in accordance with **TP-201.2E Gasoline Liquid Retention in Nozzles and Hoses**;

WHEREAS, G-01-032 delegates to the Chief of the Monitoring and Laboratory Division the authority to update Executive Order G-70-199 which lists nozzles meeting the liquid retention standard of 350 milliliter per 1,000 gallons dispensed;

WHEREAS, I, William V. Loscutt, Chief of the Monitoring and Laboratory Division, find that the listed nozzles conform with the applicable requirements set forth in the Certification Procedure when the nozzles are used as specified in Exhibit 1, and when used in conjunction with a ARB-certified Phase I and Phase II vapor recovery system.

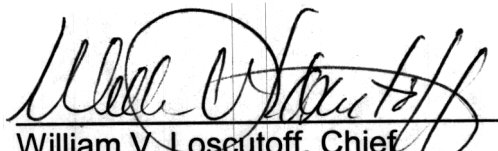
NOW, THEREFORE, IT IS HEREBY ORDERED that the nozzles listed in Exhibit 1 are certified to meet the liquid retention standard of 350 milliliters, or less, per 1,000 gallons dispensed.

IT IS FURTHER ORDERED that any alteration of the equipment, parts, design, or operation of the systems certified hereby is prohibited, and is not compliant with this certification, unless such alteration has been approved by the Executive Officer or his/her designee.

IT IS FURTHER ORDERED that this Executive Order is valid through January 1, 2009, except as otherwise provided in Health and Safety Code sections 41954 and 41956.1 and the Certification Procedure, or until superceded by a modified executive order.

IT IS FUTHER ORDERED that the Liquid Retention Executive Order, G-70-199-AI, issued on August 12, 2002, is hereby superseded by this Executive Order.

Executed at Sacramento, California, this 13<sup>th</sup> day of May 2005.

  
William V. Loscutt, Chief  
Monitoring and Laboratory Division

Attachments:

Exhibit 1 Systems and Nozzles Meeting the 350 ml Liquid Retention Standard

**Executive Order G-70-199-AJ**

**Exhibit 1**

**Systems and Nozzles Meeting the 350 ml Liquid Retention Standard**

The following table lists the nozzles that have met the liquid retention standard of 350 milliliters, or less, per 1,000 gallons dispensed. All nozzles may be repaired using certified parts. Repair parts include non-internal parts such as spouts, bellows and hold open latches.

<b>Executive Order</b>	<b>System</b>	<b>Allowed nozzle</b>
G-70-7	Hasstech VCP-2 and VCP-2A	Emco Wheaton A4500 OPW 11VAI-37
G-70-17	Emco Wheaton Balance	Emco Wheaton A4005 Emco Wheaton A4015
G-70-33	Hirt	Emco Wheaton A4005 Emco Wheaton A4007 Emco Wheaton A4015 EZ-Flo 11VF EZ-Flo 5005 EZ-Flo 5007 EZ-Flo 5015 Husky V(5) OPW 11VF-47
G-70-52	Balance	Emco Wheaton A4005 Emco Wheaton A4007 Emco Wheaton A4015 EZ-Flo 11VF EZ-Flo 5005 EZ-Flo 5007 EZ-Flo 5015 Husky V(5) OPW 11VF-47
G-70-150	Marconi (Gilbarco)	<b>Lower A/L range - .90 to 1.10</b> Catlow ICVN Emco Wheaton A4505 Husky V34 6250 OPW 12VW Richards Astrovac
		<b>Higher A/L range - 1.00 to 1.20</b> Emco Wheaton A4500 Husky V3 OPW 11VAI-27

**Note:** Higher A/L range nozzles must be replaced in accordance with ARB Enforcement Advisory 188

### Exhibit 1 (Continued)

Executive Order	System	Allowed nozzle
G-70-153	Dresser Wayne	Catlow ICVN Emco Wheaton A4505 Husky V34 6250 OPW 11VAI-xx xx = 64,69,84,89 OPW 12VW Richards Astrovac
G-70-154	Tokheim	Catlow ICVN Emco Wheaton A4505 Husky V34 6250 OPW 11VAI-xx xx = 63,68,83,88 Richards Astrovac
G-70-163	OPW VaporEZ	OPW 11VAI-xx xx = 63, 68, 83, 88
G-70-164	Hasstech VCP-3A	Emco Wheaton A4500 OPW 11VAI-37
G-70-169	Franklin Electric	Husky V34 6250 OPW 11VAI-xx xx = 63,68,83,88
G-70-177	Hirt VCS400-7	OPW 11VA-29
G-70-179	Catlow ICVN-VI	Catlow ICVN Richards Astrovac
G-70-188	Catlow ICVN/Gilbarco VaporVac	Catlow ICVN
G-70-191	Healy 600 ORVR/800	Healy 800
G-70-196	SaberVac	Husky 6051
G-70-204	Gilbarco VaporVac/ OPW Vaporsaver	Catlow ICVN Emco Wheaton A4505 Husky V34 6250 OPW 12VW Richards Astrovac
VR-201	Healy EVR	Healy 900